

IN THE CLAIMS

Please add the following new claims 8-14.

1. (Original) An electric motor armature comprising:
a cylindrical rotor casing;
a plurality of circumferentially spaced wire bundles encased about the circumference of said rotor casing; and
a circuit cap electrically connecting said wire bundles to each other.

2. (Original) An electric motor armature as recited in Claim 1 wherein said wire bundles are straight and have end portions.

3. (Original) An electric motor armature as recited in Claim 2 wherein said circuit cap connects said wire bundles to each other at one of said end portions.

4. (Original) An electric motor armature as recited in Claim 3 wherein said rotor casing defines an axis and said straight wire bundles lie parallel to said axis.

5. (Original) An electric motor armature as recited in Claim 4 wherein said end portions each have a connecting pin;
said circuit cap has a plurality of corresponding connecting pin mates; and
each connecting pin mate is connected to a connecting pin using a PCB board-type circuit embedded within said circuit cap to provide a complete electrical circuit.

6. (Original) An electric motor armature comprising:

 a cylindrical rotor casing;

 a plurality of circumferentially spaced wire bundles encased about the circumference of said rotor casing;

 a circuit cap to electrically connect said wire bundles to each other;

 wherein said wire bundles are generally straight and have end portions, said circuit cap connects said wire bundles to each other at one of said end portions; said rotor casing defining an axis and said straight wire bundles lie generally parallel to said axis, said end portions each have a connecting pin, and said circuit cap has a plurality of corresponding connecting pin mates; and

 each connecting pin mate is connected to a connecting pin using a PCB board-type circuit embedded within said circuit cap to provide a complete electrical circuit.

7. (Withdrawn) A process for producing an electric motor armature comprising:

 embedding a plurality of straight bundles of wire spaced about the circumference of a cylindrical rotor casing so that said straight bundles lie parallel to an axis defined by said cylindrical rotor casing; and

 electrically connecting said straight bundles of wire to form a complete electrical circuit.

8. (New) An electric motor armature as recited in Claim 1 wherein each of said wire bundles is parallel to and spaced apart from each adjacent wire bundle establishing a non-contact relationship between said wire bundles.
9. (New) An electric motor armature as recited in Claim 8 wherein said wire bundles are solely connected to each other by the circuit cap.
10. (New) An electric motor armature as recited in Claim 8 wherein each of said bundles is encased within a corresponding groove formed in said rotor casing.
11. (New) An electric motor armature as recited in claim 8 wherein each of said wire bundles has a greater length than said rotor casing.
12. (New) An electric motor armature as recited in Claim 8 wherein said wire bundles are molded into said rotor casing forming a single molded unit.
13. (New) An electric motor armature as recited in Claim 6 wherein each of said wire bundles has a greater length than said rotor casing.
14. (New) An electric motor armature as recited in Claim 13 wherein each of said wire bundles is parallel to and spaced apart from each adjacent wire bundle establishing a non-contact

relationship between said wire bundles and wherein said wire bundles are solely connected to each other at said end portions by said circuit cap.

15. (New) An electric motor armature as recited in Claim 14 wherein each of said bundles is encased within a corresponding groove formed in said rotor casing.